WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:
   Parke Creek Restoration Grant

2. Name of applicant:
   Shana Winegeart for WA Dept. of Fish and Wildlife

3. Address and phone number of applicant and contact person:
   Shana Winegeart, 201 N. Pearl St., Ellensburg, WA 98926. 509-925-6746

4. Date checklist prepared:
   7-27-10

5. Agency requesting checklist:
   WA Dept. of Fish and Wildlife

6. Proposed timing or schedule (including phasing, if applicable):
   Fall 2010 (August – October window)

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
   Weed control is the only other aspect of the grant project.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

DAHP's EZ-1 Archaeological consultation and a JARPA form have been filed. DAHP responded that a Cultural Resource survey would be required, so that application is being submitted. JARPA will likely trigger a HPA.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No

10. List any government approvals or permits that will be needed for your proposal, if known.

Cultural Resource survey and a JARPA application will be required. The JARPA will trigger an HPA if necessary.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

As part of the RCO Parke Creek Restoration Grant, WDFW Construction staff will perform road improvements on sections of the Parke Creek Road.

Black Rock Culvert Removal:

Remove two perched culverts (24" x 20') at the intersection of Black Rock and Parke Creek, and replace with a hardened crossing. The creek runs through these culverts during high flow, but during low flow it runs in a side channel away from the culverts and close to the road. A hardened ford will be created at the culvert removal site and at the point on the side channel where the water currently crosses. In addition, there is a redundant road directly alongside the creek that will be blocked in 2 places with barrier rock (two 20' spans to be blocked).

Parke Creek Fords:

Parke Creek is fish-bearing and the road is heavily used in spring when the creek is running and the road is muddy. Three fords (currently 30'-100' wide) need to be narrowed down to existing channel width (appx 15'-20') to minimize erosion and fish impacts. All have good rock base, but are starting to widen and carry water away from the channel.

Hill Climb Run-off Culvert:

A small blocked culvert designed to carry road run-off needs to be removed and replaced with a hardened crossing.

Hinman Seep:

A snowmelt drainage and a perennial seep are running down the middle of the road. Approximately six water bars will be installed to direct water off the road along a 300 ft section. Catch basins (3' x 3') will be dug to collect run-off from each water bar, reduce sediment delivery to the creek, and slow run-off velocity.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Parke Creek – T18N, R20E, Sec. 12 & 13 and T18N, R21 E, Sec. 5 & 7. See attached map for specific site locations.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other . . . . . Surrounding landscape is steeply sloped, but work sites are located in flat riparian bottoms

b. What is the steepest slope on the site (approximate percent slope)? Hinman Seep site is on an appx 10% sloped road

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.
Basalt rock and silty loams.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
Not on the main Parke Creek sites. The Hinman Seep site is steeper and causes run-off water to channel down the middle of the road.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.
No fill will be used – only spot rock to harden the immediate edge of the creek crossings. Ford approaches will be reshaped by blading the existing road.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
Hinman site has the only erosion potential, but this project is designed to address these erosion and run-off issues.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
None

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Installation of 6 water bars and catch basins at the Hinman site. Add spot rock to harden the immediate edge of 4 creek crossings in Parke Creek. Disturbed sites will be seeded with native vegetation after ground work is completed.

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.
Some dust will be created during culvert removal, road blading, and operation of equipment on the roads.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.
No.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:
Water may be used for dust control as necessary.

3. **Water**

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.
Both Parke Creek and the Hinman seep have surface flow in spring, but will be dry during time of construction.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.
Yes – reshaping creek approaches, armoring the fords, and removal of culverts.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.
No fill will be removed from site, or placed on the site.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.
No.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
All fords and culverts fall within the floodplain.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.
No

b. Ground:

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.
No

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.
No waste material will be involved in the project

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Work is conducted in riparian areas that are dry. Hinman seep site will have waterbars and catch basins installed to handle road run-off

2) Could waste materials enter ground or surface waters? If so, generally describe.

No waste material will be involved in the project implementation.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Conduct work during August when there will be no surface water.

4. **Plants**

a. Check or circle types of vegetation found on the site:

X_____ deciduous tree: alder, maple, aspen, other

X_____ evergreen tree: fir, cedar, pine, other

X_____ shrubs

X_____ grass

_____ pasture

_____ crop or grain

_____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

_____ water plants: water lily, eelgrass, milfoil, other

_____ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

A small amount of vegetation (grass and shrubs) may be removed when creating the catch basins at the Hinman seep. All other work sites are located in the road, and not vegetated.

c. List threatened or endangered species known to be on or near the site.

Steelhead trout use Parke Creek in the spring, but are not on site during summer.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Replant disturbed areas with native grass seed.

5. **Animals**

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site.

Steelhead trout (when water is present)

c. Is the site part of a migration route? If so, explain.

Elk move through the Parke Creek drainage in spring and fall.

d. Proposed measures to preserve or enhance wildlife, if any:

Conduct work in late summer/early fall when less fish and wildlife species are using the area.

6. **Energy and natural resources**

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Once completed, the project will not require any further energy source.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

N/A

7. **Environmental health**

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

Equipment fluids could provide a potential source of environmental contamination.

1) Describe special emergency services that might be required.

Unknown

2) Proposed measures to reduce or control environmental health hazards, if any:

Conduct work during late summer/early fall when there will be no open water to carry contaminants.

b. **Noise**

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Equipment and staff will be the only noise sources.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Equipment operation noise during project implementation. Hours of operation usually 7 a.m. – 5p.m. Monday -Thursday

3) Proposed measures to reduce or control noise impacts, if any:

None

8. **Land and shoreline use**

a. What is the current use of the site and adjacent properties?
Wildlife area on N, E, and W. Private land lies to the S, but there is no residence or land use.

b. Has the site been used for agriculture? If so, describe.
Livestock grazing.

c. Describe any structures on the site.
None

d. Will any structures be demolished? If so, what?
No

e. What is the current zoning classification of the site?
Open range

f. What is the current comprehensive plan designation of the site?
Unk

g. If applicable, what is the current shoreline master program designation of the site?
N/A

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.
Riparian areas are considered Priority Habitats by WDFW.

i. Approximately how many people would reside or work in the completed project?
None

j. Approximately how many people would the completed project displace?
None

k. Proposed measures to avoid or reduce displacement impacts, if any:
N/A

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Proposal is consistent with the Wildlife Area management plan that is guided by WDFW mandates.

9. **Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

None

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

None

c. Proposed measures to reduce or control housing impacts, if any:

N/A

10. **Aesthetics**

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

No structures proposed

b. What views in the immediate vicinity would be altered or obstructed?

None

c. Proposed measures to reduce or control aesthetic impacts, if any:

Re-seed with native vegetation to restore natural ground cover

11. **Light and glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None. Work will occur during regular business hours.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No glare will result from work.

c. What existing off-site sources of light or glare may affect your proposal?

None.

d. Proposed measures to reduce or control light and glare impacts, if any:

N/A

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity?

Hunting, camping, wildlife viewing

b. Would the proposed project displace any existing recreational uses? If so, describe.

Project implementation will take appx 3 days, and during this time recreationists might see delays or restrictions in using Parke Creek Rd.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

Project is occurring in the late summer/ early fall, before the opening of general hunting seasons

13. **Historic and cultural preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

An archaeological survey request is being submitted.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

None known, but archaeological survey will identify any sensitive sites.

c. Proposed measures to reduce or control impacts, if any:

Most work will take place in previously disturbed sites, such as roadbeds or directly adjacent to roads. If any cultural resources or artifacts are found during project implementation, all work would cease and DAHP would be notified.

14. **Transportation**

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

Parke Creek road is the main travel corridor through the area. Traffic may be stopped for short times during project implementation.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No.

c. How many parking spaces would the completed project have? How many would the project eliminate?

None

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

Roads are primitive dirt/rock based and open to the public. Project would improve road functions by removing problem culverts and blading poorly sloped creek crossings.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

No new traffic is expected to occur after project completion.

g. Proposed measures to reduce or control transportation impacts, if any:

N/A

15. **Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No

b. Proposed measures to reduce or control direct impacts on public services, if any.

N/A

16. **Utilities**

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

None of the above

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

None

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: ON FILE Shana Winegeart .....

Date Submitted: 8/17/2010 .....